

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of creating feedback control in a closed hydrostatic circuit having a servo controlled axial piston hydrostatic pump with a servo piston drain, and a control spool with a drain orifice defined by an a-variable-irregularly shaped metered porting notch that tapers inwardly to a point open to the servo piston drain ~~of the piston~~, and having an inlet defined by a metered porting notch, disposed within a control sleeve steps comprising:
displacing pressurized fluid within the closed hydrostatic circuit;
rotating the control spool to create an error signal;
removing the error signal with the control sleeve;
metering the servo piston drain with an irregularly shaped
metering porting notch that tapers inwardly to a point.
2. (Original) The method of claim 1 wherein the control sleeve has inlet and outlet defined by metered porting notches.
3. (Original) The method of claim 2 wherein the spool and sleeve metered porting notches and the error signal generate a two-path, variable orifice flow within the hydraulic circuit.
4. (Currently Amended) A control system for a closed hydrostatic circuit having a servo controlled axial piston hydrostatic pump with a servo drain comprising:

an elongated spool having a servo fill metering port and an irregularly shaped servo drain metering port that tapers inwardly to a point fluidly connected to the servo piston drain of the piston; and
a sleeve surrounding the spool such that the spool is partially disposed within and adapted to respond to an error signal generated by the spool.

5. (Currently Amended) A closed hydrostatic circuit having an axial piston hydrostatic pump with a servo system comprising:
a rotary control spool valve having a servo fill port and an irregularly shaped servo drain metering port that tapers inwardly to a point fluidly connected to the servo system;
and
a charge pump operably connected to the rotary control spool to provide charge pressure to the circuit.

6. (Original) The closed hydrostatic circuit of claim 5 wherein the servo fill port is metered.

7. (Original) The closed hydrostatic circuit of claim 5 wherein the rotary control spool valve is comprised of an elongated spool that is adapted to be partially disposed within a spool sleeve.

8. (Original) The closed hydrostatic circuit of claim 7 wherein rotating the control spool within the spool sleeve creates an error signal.